

Chapter 5 - Preparation of Engineering Plans

Preapproved Non-NRCS Designs for Animal Waste Storage Facilities and Agrichemical Containment Facilities

Following is a listing of non-NRCS companies and products that have preapproved designs for use in NRCS-Michigan-assisted waste storage facilities or agrichemical containment facilities. It is the designer's responsibility to verify the following:

1. The design proposed by the supplier meets the current NRCS-Michigan practice standard.
2. The assumptions for the design are met at the site.
3. The construction is completed in a manner consistent with the design of the specific product.

This list is intended to provide designers and landowners a compilation of NRCS-Michigan preapproved designs. Use of listed designs or companies is not required to meet NRCS-Michigan standards. Use of these designs may save time for the designer due to a reduced effort to verify that the design meets the current NRCS-Michigan practice standard. Designs originating in other states and not shown in this list may be used if they meet NRCS-Michigan practice standards. Normally, designs accepted in one state are acceptable for use in other states unless state laws and/or NRCS practice standards are different than those in Michigan.

COMPANY	DESIGN/PRODUCT DESCRIPTION
ADL Systems, Inc. 5596 Grand River Highway P.O. Box 256 Portland, MI 48875 Telephone: (517) 647-7543	Precast concrete tank manufacturer. 8 ft., 10 ft., and 12 ft. deep open top tanks. 6 ft., 8 ft., 10 ft., and 12 ft. deep closed top tanks. Columns, beams, solid tops, and slats for closed-top tanks.
AK Equipment 7254 Quincy St. Zeeland, MI 49460 Telephone: (800) 268-3768	Coverall Building Systems fabric buildings dealer. Truss arch structures have been approved with engineer designed foundation. Snow and wind load requirements are <u>not</u> met for all buildings and all locations.
Advance Concrete Products Co. 975 N. Milford Road P.O. Box 548 Highland, MI 48031 Telephone: (800) 824-8351	Precast concrete tank manufacturer. 10 ft. deep tank wall and roof panels.
American Structures, Inc. Box 409 Menomonie, WI 54751 Telephone: (715) 235-4225	Company relocates A.O. Smith Harvester products. Approved to relocate Series 50A, 50B, and 90 tanks. Size of tank varies from 25 ft. to 101 ft. diameter.
Brim Concrete, Inc. County Road 200 and State Road 18 Flora, IN 46929 Telephone: (574) 967-4175	Slat and beam manufacturer. Beams and single slats for swine applications.

Chapter 5 - Preparation of Engineering Plans

Preapproved Non-NRCS Designs for Animal Waste Storage Facilities and Agrichemical Containment Facilities (cont.)

Design Concrete Systems 56 Birch St. Seaforth, Ontario N0K 1W0 Canada Telephone: (519) 527-0397	Slat manufacturer. 10 ft. x 2 ft. gang slats for beef and swine.
Hog Slat - Great Lakes Div. P.O. Box 181 Universal, IN 47884 Telephone: (888) 478-2583	Slat and beam manufacturer. 10 ft. gang slats and 12 ft. long beams.
Huffcut Concrete 737 Herbert Street Chippewa Falls, WI 54729 Telephone: (715) 723-7446	Precast concrete manufacturer. 4 ft.-6 in., 8 ft.-6 in., 10ft.-6 in., and 12 ft.-6 in. "T" panels, and sand gutter for construction of manure tanks.
Hunter Agri-Sales Box 2 Coatesville, IN 46121 Telephone: (317) 539-4400	Manufacturer/dealer of fertilizer containment systems. Products are Type II (plastic) and Type III (reinforced concrete) Plia-dike systems. Both systems have 3 ft.-6 in. high walls. Flexible membrane liners.
Marlette Concrete Products 3372 Warner Street Marlette, MI 48453 Telephone: (517) 635-3575	Precast concrete tank manufacturer. 8 ft.-9 in. deep manure tank with beams and slats.
J.C. Ramsdell Enviro Services, Inc. 408 S. Veterans St. Flandreau, SD 57028 Telephone: (605) 997-3704	Westeel, Inc. dealer. Galvanized steel C-Ring containment system for fertilizer storages. Includes 21.5 in., 33 in., and 44 in. high walls. Rectangular, oval, and circular configurations. Flexible membrane liners.
S & S Precast 440 Fitz Industrial Winimac, IN 46996 Telephone: (219) 946-7702	Slat and beam manufacturer. 10 ft. gang slats and 10 ft. and 12 ft. long beams.
A.O. Smith Harvester Products, Inc. 345 Harvester Drive De Kalb, IL 60115 Telephone: (815) 756-1551	Manufacturer of glass fused steel sheet manure tanks. Tanks are models 90A and 96A. Sizes range from 41 ft. to 140 ft. diameter and 9.5 ft. to 28 ft. in height.
Westeel, Inc.	See J.C. Ramsdell Enviro Services, Inc.
Wieser Concrete Products, Inc. Rt. 2 (Hwy 10) Box 148 Maiden Rock, WI 54750 Telephone: (715) 647-2311	Precast concrete tank and component manufacturer. Pan-L-Built manure storage facility. 8 ft. and 12 ft. deep tanks, beams, and slats. Sand gutters.